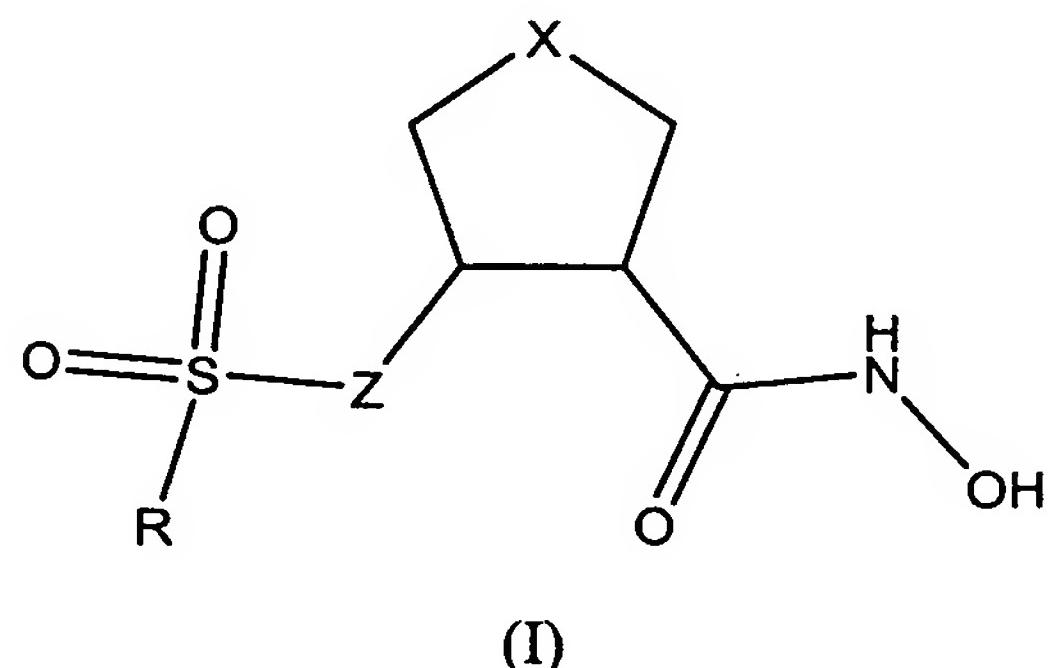


**ABSTRACT OF THE DISCLOSURE**

Disclosed are selective inhibitors of matrix metalloproteinases represented by the following formula (I).



wherein X is  $(CH_2)_nO$ ,  $(CH_2)_nS$ ,  $(CH_2)_nNR^1$ ,  $(CH_2)_n(CH_2)$ , or  $CH=CH$ , wherein n = 0, 1, or 2; R and  $R^1$  are, independently, a substituted or unsubstituted alkyl, alkenyl, alkynyl, aryl, heteroaryl group, cycloalkyl, heterocycloalkyl, cycloalkenyl, or heterocycloalkenyl; and Z is NH or  $CH_2$ ; or a pharmaceutically acceptable salt thereof. Also disclosed are methods of making such compounds and methods of using such compounds to inhibit tumor progression and to treat diseases such as arthritis.